

0059

**From:** Mark Reynolds <mreynolds@etv.net>  
**To:** Jim Smith <jimsmith@utah.gov>  
**Date:** 11/29/2006 9:33:26 AM  
**Subject:** Re: #4 Mine Escarpment Failure Amendment

8K  
Incoming  
C/015/0025

Jim,

Do you want me to send you another set of clean copies, or should I send you copies of the pages that have been stamped as incorporated? The pages you listed are not the ones that were changed. Those are page numbers from the old MRP, and you area also missing some. According to my records the pages that changed/added were 1D-17, 1D-18, 5-18, 5-39, and 5C-2. The plates that were changed were 5-3, and 5-1C. Pages 1D-17, and 1D-18 were new pages added. I am attaching a file from the interim amendment that should help you track down what happened in your office.

Jim Smith wrote:

> Mark,

>

> We never received the clean copies needed to give final approval of #4 Mine Escarpment Failure Amendment (Tasks #2173, 2343, and 2383 -). The Conditional Approval letter was sent February 2, 2006, and the clean copies were to be received at the Division by March 1, 2006.

>

> This amendment involved pages 1-4, 3-18, 3-49, and 3C-2; and Plates 3-3 and 3-4C.

>

> It appears there is further action needed for Plate 3-3 (now Plate 5-3) and page 1-4 (now pp. 5-16 through 5-18) before the #4 Mine Escarpment Failure Amendment can receive final approval.

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>

> Plate 3-3

> The changes to Plate 3-3 that have been conditionally approved for the #4 Mine Escarpment Failure amendment are not on Plate 5-3 in the Reformatted MRP, and are not on the revised Plate 5-3 in the current Lease Addition submittal. The current Plate 5-3 shows escarpments that are not shown on Plate 3-3, and Plate 5-3 indicates some of these escarpments are to be subsided.

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> (The name of Plate 3-3 was changed to Plate 5-3 on 2/3/05 as part of the Reformat and Digitization amendment (which was approved conditionally on November 3, 2005). However, changes continued to be made (dated 2/11/05, 4/18/05, and 5/20/05) to Plate 3-3 in the #4 Mine Escarpment Failure amendment.)

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> Page 1-4

> Information similar to what is on p. 1-4 of the #4 Mine Escarpment Failure amendment is now on pp. 5-16 through 5-18 of the MRP. However, these pages refer to Plate 5-3 for definition of areas to be protected from subsidence, so it reinforces the need to have Plate 5-3 correctly show escarpments, barrier pillars, and areas of no retreat mining.

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>

> It appears no further action is needed to replace or update the following:

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> Plate 3-4C appears to be identical to 5-1C in the current MRP.

>

> The information that was on:

> p. 3-18 is now on p. 5-18 of the reformatted MRP;

> p. ~~3-40~~ is now on p. 3-39 of the reformatted MRP; and

3-49 JS

> p. 3C-2 is now on p. 5C-2 of the reformatted MRP.

>

>

> James D. SMITH

> jimdsmith@utah.gov

> 801 538 5262

>

>

>

**CC:** Joe Helfrich <JOEHELFRICH@utah.gov>, Pam Grubaugh-Littig  
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## Sheet1

**AM03A Soil Movement**

<b>Old Page</b>	<b>New Page</b>	<b>Description of change made in original amendment</b>
3H-10	5G-10	Added text "During Reclamation 1,000 yds <sup>3</sup> of material was hauled from TS-15 as described on page 3H-10."
3L-13	5I-13	Added text "1,000 yds <sup>3</sup> of this material will go to TS-17 as described on page 3P-17."
3L-73	5I-73	Added text "1,000 yds <sup>3</sup> of this material will remain in place as described on page 3H-10." Changed
3O-13	5J-13	Added text "During construction 1,000 yds <sup>3</sup> of material was excavated and moved from
3P-7	5K-7	Added text "The 1,000 cu. yds. used in TS-15 and any material used in TS-7 and TS-8 "
6C-26	6C-26	Added coal samples
6C-27	6C-27	Added coal samples
6C-28	6C-28	Added coal samples
Plate 2-4G	Plate 5-2G	Extended Tanks Seam Pad
Plate 8-5G	Plate 2-3G	Extended Tanks Seam Pad
Plate 3-1	Plate 5-8	Extended Tanks Seam Pad
Plate 3-7G	Plate 5-7G	Extended Tanks Seam Pad
Plate 7-1G	Plate 7-1G	Extended Tanks Seam Pad

**AM03C Abandoned Equipment**

<b>Old Page</b>	<b>New Page</b>	<b>Description of change made in original amendment</b>
7-26	7-46	Added text "abandoned equipment" and text "and appendix 7-P"
7-27	7-47	Added text "abandoned equipment is discussed in Appendix 7-P"
7-33	7-53	Removed SBC-11 from monitoring matrix
7-34	7-54	Changed SBC-11 to say "Abandoned in Jan 2003 due to roof fall"
App. 2A	App 1A	Updated NOV list
App 7P	App 7Q	Added appendix for abandoned Equipment
Plate 2-4C	Plate 5-2C	Removed cap and powder magazine
Plate 2-4F	Plate 5-2F	Added cap and powder magazine
Plate 7-10B	Plate 7-10B	Added Abandoned equipment and discharge line

**AM?? Discharge Permit Renewal**

<b>Old Page</b>	<b>New Page</b>	<b>Description of change made in original amendment</b>
App. 7B	App. 7B	Replaced old Discharge Permit with new one

**1753 Blasting Plan**

<b>Old Page</b>	<b>New Page</b>	<b>Description of change made in original amendment</b>
3M-3	5E-3	Added text "during normal operation and construction, special one time blasting designs will be
3M-4	5E-4	Added text" during construction of the #4 Mine portals blasting will exceed 5 pounds, this is de
3M-7 to 11	5E-8 to 12	Added Attachment A

**1988 Culvert Removal**

<b>Old Page</b>	<b>New Page</b>	<b>Description of change made in original amendment</b>
2-4	1-1	Changed resident agent to Charles Reynolds
2-4	1-2	Updated list of officers
7-87B	7-115	Change calculations for ditch D-37U
7-89A	7-118	Changed culvert C-37U to abandoned in place
7G-46	7G-50	Changed culvert C-37U to abandoned in place
7G-100	7G-110	Change calculations for ditch D-37U
7G-187	7G-197	Replaced flow master worksheet for D-37U

## Sheet1

Plate 2-4F	Plate 5-2F	Moved the location of the powder magazine
Plate 7-1G	Plate 7-1G	Labeled culvert C-37U as abandoned in place

**2042****IBC**

<b>Old Page</b>	<b>New Page</b>	<b>Description of change made in original amendment</b>
3-28	5-15	Updated coal reserves to match the current LMU
2-1	1-1	Added officers of COP Development
2-2	1-4	Added ownership type E
2-2	1-5	Added leases U-46484, U-61048, U-61049
2-3A	1-6	Changed Sec. 24 to say E1/2 E1/2
2-9	1-11	Added text "The dwelling nearest to the underground workings is the hunting cabin. Pi
2G-2	1F-3	Added waiver letter for Sportsman
1B-19	1B-19	Added new agreement between COP and Co-Op Mining
Appendix 1A	Appendix 1A	Updated NOV list to be current (as of 2/14/05)
Plate 2-1	Plate 1-1	Change permit boundary and added map.
Plate 2-2	Plate 1-2	Change permit boundary and added map.
Plate 2-3	Plate 1-3	Change permit boundary and added map.
Plate 3-3	Plate 5-3	Added additional subsidence monitoring point
Plate 3-4A	Plate 5-1A	Change permit boundary, also updated mine working and projections up to current date (2-13-
Plate 3-4C	Plate 5-1C	Change permit boundary, also updated mine working and projections up to current date (2-13-
Plate 6-1	Plate 6-1	Change permit boundary
Plate 6-2	Plate 6-10	Change permit boundary
Plate 6-3	Plate 6-11	Change permit boundary
Plate 6-4	Plate 6-12	Change permit boundary
Plate 6-5	Plate 6-13	Change permit boundary
Plate 6-6	Plate 6-14	Change permit boundary
Plate 6-7	Plate 6-15	Change permit boundary
Plate 6-8	Plate 6-16	Change permit boundary
Plate 6-9	Plate 6-5	Change permit boundary
Plate 6-10	Plate 6-2	Change permit boundary
Plate 6-11	Plate 6-3	Change permit boundary
Plate 6-12	Plate 6-4	Change permit boundary
	Plate 6-6	Change permit boundary
	Plate 6-7	Change permit boundary
	Plate 6-8	Change permit boundary
	Plate 6-9	Change permit boundary
Plate 9-1	Plate 3-1	Change permit boundary

**Snow Storage**

**This is a current Amendment. The response will be in the new format**

**2081****Lead Monitoring**

<b>Old Page</b>	<b>New Page</b>	<b>Description of change made in original amendment</b>
7-29	7-49	Added text "SBC-9A and SBC-4 will be monitored for lead quarterly."
7-32	7-52	Added a cross by lead and provision at the bottom of the parameter list
7P-2	7Q-2	Added a description of the pipeline installation
7P-3	7Q-3	Updated the figure to show the pipeline.
Plate 7-10B	Plate 7-10B	Added the pipeline and showed the mine as being sealed.

**Veg Reference Area**

## Sheet1

Old Page	New Page	Description of change made in original amendment
9-1	3-3	Added text "Further discussion with D.O.G.M has determined that there are better refer
9-4	3-16	Removed the Main Reference Area from Table 3-2
Plate 9-1	Plate 3-1	Removed the word Shower House Pad associated with the WHR reference area, and added p

**2173 Escarpment Failure (#4)**

Old Page	New Page	Description of change made in original amendment
1-4	5-18	Added the wording "where required"
2D-17	1D-17	Added the permit renewal public notice
2D-18	1D-18	Added the lease addition public notice
3-18	5-18	Added the text "where required by lease stipulations, or protection of streams and wildl
3-49	5-39	Corrected a misspelled word (resources)
3C-2	5C-2	Added the text "based on the number of seams in the area"
Plate 3-3	Plate 5-3	Updated the subsidence area above the right fork of Bear Canyon
Plate 3-4C	Plate 5-1C	Updated workings and subsidence area. (Workings as of 2-13-06)

**2268 Escarpment Failure (#3)**

Old Page	New Page	Description of change made in original amendment
1-4	5-18	Added the wording "where required"
3-18	5-18	Added the text "where required by lease stipulations, or protection of streams and wildl
3-49	3-39	Corrected a misspelled word (resources)
3C-2	5C-2	Added the text "based on the number of seams in the area"
Plate 3-3	Plate 5-3	Updated the subsidence area above the left fork of Fish Creek
Plate 3-4A	Plate 5-1A	Updated workings and subsidence area. (Workings as of 2-13-06) Also moved RFM-3

**2292 Lease Addition**

This was submitted under the new format

**Confidential Update**

Old Page	New Page	Description of change made in original amendment
3-5		No changes were made to this page in either format
	5-vii	No changes were made to this page
	5-ix	Added Plate 5-3A to table of contents
	5-x	Updated to fit Plate 5-3A in table of contents
	Plate 5-3	Removed all raptor nest
	Plate 5-3A	Exact copy of old 5-3 (includes raptor nest) located in confidential MRP
	4-11	Removed the wording "Bear Rock Site"
	4-12	Removed the wording "Bear Rock Site"
5A	4A	Moved to confidential MRP
5B	4B	Moved to confidential MRP
5C	4E	Moved to confidential MRP
10D	3L	Moved to confidential MRP

I have incorporated all of the changes my records show were made in the amendment

**2352 Escape way Portal**

Old Page	New Page	Description of change made in original amendment
3-vi	5-vii	Added Appendix 5P
3-2	5-49	Added #4 Mine auxiliary portal

## Sheet1

3-86	8-3	Bond Summary
3-87	8-4	Portal Summary
Plate 3-4C	Plate 5-1A	Updated workings (as of 2-13-05)
Plate 2-4G	Plate 5-2G	Added #4 Mine auxiliary portal
App 3Q	App 5P	Auxiliary portal description
Plate 7-5A	Plate 7-5A	Added #4 Mine auxiliary portal
Plate 7-7A	Plate 7-7A	Added #4 Mine auxiliary portal
Plate 8-1A	Plate 2-1B	Added #4 Mine auxiliary portal

Sheet1